

# Converting Colors

Hex(C7E3BB)

Have a look what the booklet for  
Hex(C7E3BB) contains.

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# **Color**

**Hex(C7E3BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7E3BB
RGB	199, 227, 187
RGB Percent	78%, 89%, 73%
CMY	0.2196, 0.1098, 0.2667
CMYK	0.12, 0.00, 0.18, 0.11
HSL	102°, 42%, 81%
HSV	102°, 18%, 89%
XYZ	59.9919, 70.6681, 57.4921
YIQ	214.0680, -3.8480, -18.3760

# Conversions

## Conversions Part 2

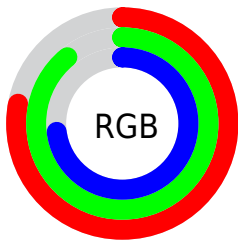
Format	Color
<a href="#">RYB</a>	<a href="#">187, 227, 215</a>
Decimal	<a href="#">13099963</a>
CIELab	<a href="#">87.32, -16.46, 16.49</a>
CIELCh	<a href="#">87, 23.302, 134.945</a>
Yxy	<a href="#">70.6681, 0.3188, 0.3756</a>
Android (android.graphics.Color)	<a href="#">4291290043 (0xFFC7E3BB)</a>
YUV	<a href="#">214.0680, -13.3445, -13.2146</a>
Hunter-Lab	<a href="#">84.0643, -19.7274, 18.2963</a>

# Details

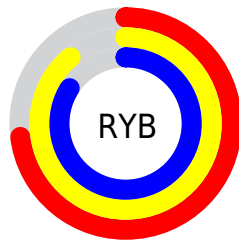
The Hex color **C7E3BB** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **D7BBE3**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFFF3**, and **91AC86** is the 20% darker color. If you saturate the color by 10%, you get **B7E3A4**, and if you desaturate by 10%, it is **D7E3D2**.

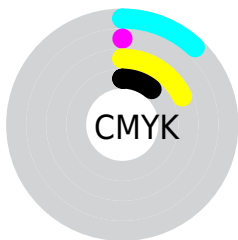
# Distribution



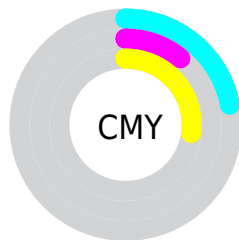
- Red (78%)
- Green (89%)
- Blue (73%)



- Red (73%)
- Yellow (89%)
- Blue (84%)



- Cyan (12%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7E3BB changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color C7E3BB by changing the saturation by 10% instead.



 C7E3BB

FFFFFF

 FFFFF3

 C7E3BB

 ACC7A0

 91AC86

 77916C

 5E7754

 465E3D

 2F4726

 193012

 001C00

 000000

 C7E3BB

 C7E3BB

 B7E3A4

 D7E3D2

 A7E38E

 E7E3E8

 97E377

 F7E3FF

 87E360

 FFE3FF

 78E34A

 68E333

 58E31C

 48E305

 44E300

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E0DDB0



C7E3BB



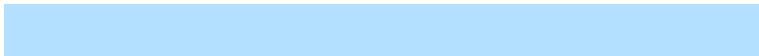
AFE7CF

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C7E3BB



B4E0FF



FFCBDD

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



C7E3BB



D7BBE3

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCCE7



C7E3BB



D0D9FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C7E3BB



A1E5F9



ECD2FA



FFCFBC

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C7E3BB



A4E8DE



ECD2FA



FFCBD8



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



C7E3BB



F6FFF2



E3D7BB



7A8078



000000



808080

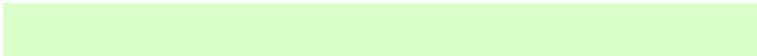


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



C7E3BB



DAFFC9



BBE3C3



6B7367



36B300



0F3300



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D7BBE3



EFC9FF



E3BBDB



6F6773



7D00B3



240033



# Previews

## White Background



This preview shows how the Hex color C7E3BB looks on a white background.

## Color Contrast Check

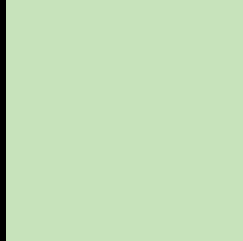
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color C7E3BB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

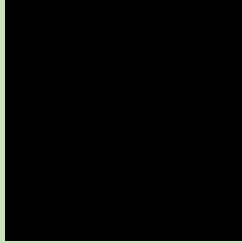
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

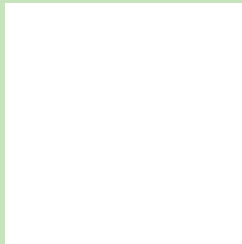
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C7E3BB Background



This preview shows how black text looks on a background with the Hex color C7E3BB.

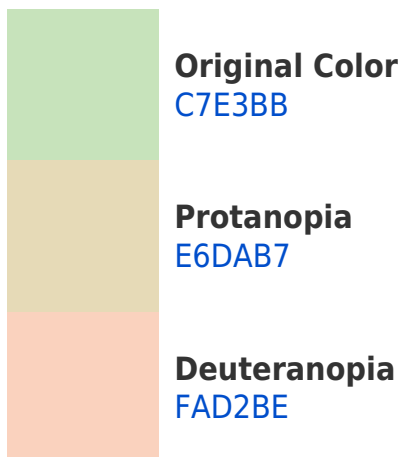


This preview shows how white text looks on a background with the Hex color C7E3BB.

# Color Blindness Simulation

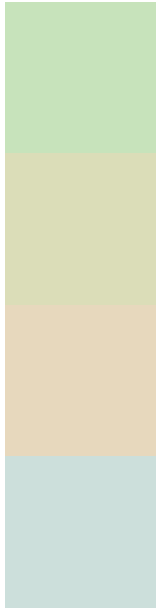
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



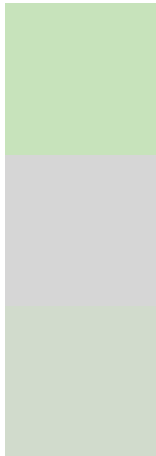
**Original Color**  
C7E3BB

**Protanomaly**  
DBDDB8

**Deuteranomaly**  
E7D8BD

**Tritanomaly**  
CCDFDB

# Monochromacy



**Original Color**  
C7E3BB

**Achromatopsia**  
D6D6D6

**Achromatomaly**  
D1DBCC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7E3BB is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C7E3BB looks like.

```
.text, #text, p{  
    color:#C7E3BB  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C7E3BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7E3BB  
}
```

## Border

The CSS property to change the border of an element to Hex C7E3BB is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#C7E3BB }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C7E3BB }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C7E3BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7E3BB; -webkit-box-shadow:4px 4px  
4px 4px #C7E3BB; box-shadow:4px 4px 4px  
4px #C7E3BB }
```

# Background

The CSS property to change the background color of an element to Hex C7E3BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7E3BB }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C7E3BB }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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